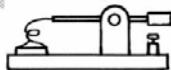


Spark-Gap Times



Published By

The Old Old Timers Club



PAGE 1 VOL. 46 NUMBER 3 JULY 2009 E-mail ootc@att.net Website www.ootc.us

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"Bert" Wells W5JNK ootc@att.net

ACTIVITIES

Mark Titterington W1EOF

REGISTERED AGENT RHODE ISLAND
Janice Lentz K4IJK

The Board of Directors had honored these
Silent Keys for their contribution to OOTC.

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PAGE 3 VOI. 46 NUMBER 3 SPARK-GAP TIMES JULY 2009

THE NOMINATION & ENDORSEMENT PERIOD FOR DIRECTORS IN DISTRICT 2, 4, 6, 8 AND 0 TO SERVE 2010 & 2011 IS OPEN. CANDIDATES MUST LIVE IN YOUR DISTRICT AND BE WILLING TO SERVE. SEND NOMINATION/ENDORSEMENT TO: SECRETARY ootc@att.net or 3191 Darvany Dr. Dallas TX 75220-1611.

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4 AL-FL-GA-KY-NC-SC-TN-VA.	DAVID KNIGHT, W4ZJY, #3428.
6 CA-HI.	LEE R. WICAL, KH6BZF, #4444
8 MI-OH-WV.	JOSEPH WEHNER, W8KNO, #4030.
0 CO-IA-KS-MN-MO-NE-ND-SD.	LEO MEYERSON, W0GFQ, #0707.

OOTC ON THE AIR MEETINGS

EUROPEAN CHAPTER #5 CALL DL0OTC

SSB 7:30 CE(S)T 3624 kHz, Tue, NCS DJ5ND, Willi Kreibohm.

SSB 11:00 CE(S)T 7090 kHz, Tue, NCS DJ2XB, Guenter Pesch.

CW 17:30 UTC 3576,5 kHz, Tue, NCS DL1MEB, Karl Maerz.

CE(S)T = Central European (Summer) Time = UTC + 1(2).

U. S. A.

Chapter #1 – New Orleans LA – No Report

Chapter #2 (CA): Tuesday, 1600 local 3917kHz. NCS W6HV, Troy Wideman.

AZ Chapter: Tuesday, 1600 local, 3913 kHz. NCS W7LGB, Lyle Brown.

N.East Chapter: Thursday, 1330 local, 7230 kHz. NCS K2VNM, Robert Kerns.

CH82 E. TN & SW. VA Chapter: Sun, 9:00PM E. 145.110MHz. down shift.

OOTC National Calling Frequency: Friday, 1700 UTC on 14050 kHz.

SUPPLIES AVAILABLE – Price includes postage.

OOTC BADGE - \$8.50 - \$9.50 or \$10.50 see page 26.

OOTC 4" Round Iron-on Jacket patch - \$5.00

OOTC 3" Round sticker - \$1.00 Gold 1" stamps free, send us S.A.S.E.

Replacement Lapel Pins 40(no #), 50, 60, 70, \$3.50. (first pin free when join)
80 yr pin free courtesy W1GAY.

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(no credit cards)

A MESSAGE FROM THE PRESIDENT

This has got to be the longest solar cycle minima in my ham radio lifetime! Occasionally I hear and even work a little DX—but, not often. Even rag chews on 20 and 40 meters seem evasive. For example, the 11AM PDT QCWA CW Net on 7.034 MHz on Sundays that I QNI is still getting pushed to the alternate frequency (3.598 MHz). I find it time consuming, and even difficult at times, to search the bands for DX. So I rely on a nifty little tool that is on the Internet. Buck Lowry, KJ6YK, OOTC #4329, brought it to my attention awhile back. It's called the VE7CC-1 CC Cluster. It's free and has a wealth of information including the latest DX spots and solar weather. You can find the information at <http://www.ve7cc.net/>.

The Foundation for Amateur Radio (FAR) Scholarship committee was to meet in June (originally scheduled for late May), according to an email from the chairman. The results of the award for the OOTC Scholarship should be available for the October issue of the Spark Gap Times.

Scholarship applicants are usually selected in May; however, OOTC was notified it would be moved up to April for next year. So, if you are aware of anyone wishing to try for any of the scholarships you may wish to encourage them to check out the offerings earlier. Currently there are 25 scholarships available. The information is available at the FAR website <http://www.farweb.org/scholarships/info2009.php>

This year, for the second time, the OOTC Scholarship fund was \$1000. The source for this is from both earnings of an investment fund and the contributions from the membership. Your donations can mean a lot; if you would like to help a deserving young ham with their education please contribute to the fund so that, again next year, the scholarship can remain at the current amount.

I enjoyed the photo (page 14) of the magnetic loop used by Ted Robinson, K1QAR, #4206. It's amazing what ingenuity for solving communication problems exist. Like a lot of you, I've built several receiving loops and I have had friends that have built large magnetic loops for transmitting. The variety of antennas has always fascinated me and I wish these days I had the room and dexterity to play with some of the more complex designs. But, my "farm" is limited to the available room. I use an "Inverted L" for 160 and 30 meters, a center-fed doublet and a homebrew current 4:1 balun with a Ten-Tec 238A "tuner" for 40 and 80 meters and the WARC bands, an old Classic 33 tri-band beam for 10, 15 and 20 meters, and a simple vertical for 2 meters. These work well. Yet I always wish I could try something new.

73 W6HV



FROM AKIN BRILL, K2ATB, #4175

January 6, 1838 - Morse demonstrates telegraph

On this day in 1838, Samuel Morse's telegraph system is demonstrated for the first time at the Speedwell Iron Works in Morristown, New Jersey. The telegraph, a device that used electric impulses to transmit encoded messages over a wire, would eventually revolutionize long-distance communication, reaching the height of its popularity in the 1920s and 1930s.

Samuel Finley Breese Morse was born April 27, 1791, in Charlestown, Massachusetts. He attended Yale University, where he was interested in art, as well as electricity, still in its infancy at the time. After college, Morse became a painter. In 1832, while sailing home from Europe, he heard about the newly discovered electromagnet and came up with an idea for an electric telegraph. He had no idea that other inventors were already at work on the concept.

Morse spent the next several years developing a prototype and took on two partners, Leonard Gale and Alfred Vail, to help him. In 1838, he demonstrated his invention using Morse code, in which dots and dashes represented letters and numbers. In 1843, Morse finally convinced a skeptical Congress to fund the construction of the first telegraph line in the United States, from Washington, D.C., to Baltimore. In May 1844, Morse sent the first official telegram over the line, with the message: "What hath God wrought!"

Over the next few years, private companies, using Morse's patent, set up telegraph lines around the Northeast. In 1851, the New York and Mississippi Valley Printing Telegraph Company was founded; it would later change its name to Western Union. In 1861, Western Union finished the first transcontinental line across the United States. Five years later, the first successful permanent line across the Atlantic Ocean was constructed and by the end of the century telegraph systems were in place in Africa, Asia and Australia.

Because telegraph companies typically charged by the word, telegrams became known for their succinct prose--whether they contained happy or sad news. The word "stop," which was free, was used in place of a period, for which there was a charge. In 1933, Western Union introduced singing telegrams. During World War II, Americans came to dread the sight of Western Union couriers because the military used telegrams to inform families about soldiers' deaths.

Over the course of the 20th century, telegraph messages were largely replaced by cheap long-distance phone service, faxes and email. Western Union delivered its final telegram in January 2006.

Samuel Morse died wealthy and famous in New York City on April 2, 1872, at age 80.

NEW MEMBER JEFFREY J. BEALS, WA4AW, #4525

Born 11/11/1951, Brooklyn, NY. Spouse Myra, K3PGH.

I was first licensed in the early 60s as WN2OUK at age 12. Grew up in Long Beach, LI, NY, where I was active with the local radio club and ARES/RACES group. I hold an Extra Class license and FCC First Class Radiotelephone license (now called a GROL).

My activities with the ARRL Field Organization in the Southern Florida Section include serving as the Assistant Section Manager, Affiliated Club Coordinator and District Emergency Coordinator. Previously, I was the Section Technical Coordinator and Section Emergency Coordinator and served on the ARRL National Emergency Response Planning Committee. I am also an Assistant Director in the Southeastern Division and a former EC and RO for Lee and Palm Beach counties and am certified in all three levels of ARRL ARECC.

I am a life member of the ARRL, QCWA and AWA and a Senior Grade member of the Radio Club of America and the ARRL A-1 Operator Club. Past President of the Fort Myers and West Palm Beach ARC and current member of the Palms West ARC, North Florida ARS, Wiregrass ARC and life member of the West Palm Beach ARC. I am the Secretary Treasurer of our local Palm Beach Chapter of QCWA and an ARRL CE-VE.

Retired after 25 years as the communications supervisor in South Florida for the Florida Division of Forestry. My XYL, Myra, K3PGH and I live in Royal Palm Beach, FL and Dothan, AL. My other interests include restoring antique ham radios, traveling to ham fests, antique cars and radio-TV history. Myra and I also volunteer at the old radio museum in Yesteryear Village on the South Florida Fairgrounds in West Palm Beach. Look for you on the air or at a ham fest.

Very 73,

Jeff, WA4AW <http://www.freewebs.com/wa4aw>

NEW MEMBER JESSE I WILKERSON, K0GZR, #4526

Born May 1 1932 Sedalia Mo. Spouse Patricia, one child. K0GZR-1956. I have been licensed since 1956. I had a DX35 transmitter and a RME6900 receiver. The best time in my life. I worked only CW. ess532@kc.rr.com

NEW MEMBER LES SHATTUCK, K4NK, #4527

Born September 14, 1947, Cortland, NY. Spouse Joyce, N2PTW, 3 children. WN2IPX-1963, WN2V. United Methodist Church Pastor. I enjoy VHF weak signal work and am on 6 meters, 2 meters and 432 Mhz. My SMIRK number is 558. Past Section Manager for ARRL here in South Carolina, past Vice Director for the ARRL Roanoke Division. Past President QRP ARCI and hold a G QRP Club Masters award.. Past Vice Director Roanoke Division ARRL. QCWA. k4nk@att.net

NEW MEMBER LARRY MERGEN, K0LWV, #4528

Born May 25, 1941, Sedalia, Mo. KN0LWV-1957, KB0BTW, N0IZZ. 1ST QSO KN0JMD June 5, 1957 40 meters CW. My interest started in radio around late 40's and early 50's, radio was a magic thing. Dick Tracy, the wrist radio, and wrist TV.

I would make imaginary radios to talk to the neighbor boys. They didn't work but we played like they did.

It was then on to crystal sets of course and they were fun to build, matter of fact I recently built another one. There is a site on the internet devoted entirely to crystal sets <http://www.midnightscience.com> for anyone really into crystal sets.

I taught myself the radio theory and Morse code without an "Elmer" and had to take the novice exam twice. I then found an "Elmer", the late Bruce Brewer, W0WHK, and he built a single tube transmitter and we used a zenith table model radio and put a BFO in that. No band spread, I just left the dial alone and trained my ears to ignore all signals except the one I wanted. It worked. I had a lot of QSO's with that set up. I advanced to the Heath Kit AT-1 and the SX-25 a little later and that was much better.

I went into the U.S.A.F. and asked to become a radio operator and got it. What a wonderful thing to get paid for what you love doing. I was in AACS and AFCS and MARS, wonderful job. -continued next page -



After that I let my license expire and was off for 30 years. Got back on in 1988 to stay. I am now 67 years old, retired from the U.S. Dept. of Agriculture. I am active on CW, have at least one QSO daily and participate in most contests. I paper log and don't use a memory keyer so I always end up on the bottom but I like it that way. I have fun and that is all that counts.

My station now consists of a little IC-718, a long wire Vee beam, and a tree mounted wire ground plane. 72/73 Larry larryandpatches@netzero.com

NEW MEMBER GREG TEUFEL, K7VHV, #4529

Born 2/21/1948 Seattle, WA. Spouse Kathy WA7ZZM. Army 1968-70 E5 Sgt.
terrier1@earthlink.net

NEW MEMBER WILLIAM F. BALL, K9ADO, #4530

Born 8/15/1946 Portsmouth, OH. Spouse Pamela. 1ST 2-way CB-1965, WB9DSN-1970, WD4SGL, WD4RKQ. My dad referred me to OOTC.

SK MEMBER #0190 WILLIAM B. GOULD III

WG, 1NP, W1NP, W2NP

3/14/1902- 8/15/1983

OOTC Vice President 1970-1971

OOTC Director 2nd District 1970-1978

From OOTC "Bluebook" published 1960's.



"#0190 Gould, William B. W2NP/W1NP.

Handle Bill. First 2-way wireless contact 1915. Deputy Chief, U.S. Army Signal R. and D. Lab., Fort Monmouth, NJ. First transmitter was overloaded buzzer. Licensed in 1919 as 1NP. Heard Paul Godley in Scotland 1921. Engineer at station WTAG, Worcester 1925-1929. In USN Communication Reserve 1925-1939, active duty at NAD, NAE, NWM, and aboard Eagle boats and DD's. Pounded brass at sea 2 years. In police radio work 1936-1940. Engineer Sig. Corps 1940 to date. Collector of Radio Magazines Catalogs, books, call books, etc."

- continued on pages 15, 16, 17, 18 -

MORE ABOUT SK GLENN C. SABIN, SPARK OP, W1ZS, #0020

Lifetime of Keeping Busy:

When Cars & Radios Were Coming Out, Glenn Sabin Sr. Was There to Fix Them

by Bill Babel, Republican Correspondent, July 5, 1981. Reprint by permission.

Northampton- Glenn Sabin Sr. is 93 years old and you usually can find him sitting in a chair at the back of Sabin's store at 16 Crafts Ave. in Northampton. It's a pretty rare day that you don't find him at the store. "Gotta keep active," he says, flashing a smile. "Gotta keep going."

Sabin's has been a family business for about 80 years, providing support for three generations of Sabins. Glenn Sr. and his son, Glenn Jr., are both retired and the business is now operated by three grandsons, Dale, Robert and Gary Sabin.

Glenn Sr. was born on March 26, 1888 on a farm in Amherst, MA. A little after the turn of the century, when he was in his early teens, automobiles were starting to make their appearance. But there were no auto repair shops. So young Sabin went into the automobile repair business. Where did he get his know-how? "I was raised on a farm, and you fix everything yourself on the farm. That's how I learned to fix cars... just worked at it." He left Amherst about 1911 and moved to Northampton where he operated Sabin's car repair shop on Maple St. "I worked on cars almost from the time they first appeared in the community," said Sabin.

"Over in Amherst, Martin Gould had the first steam-powered Grout car that was made in Orange. It took about 15 minutes to get the steam up. There was no quick get-away with those early steamers. Kerosene was used to heat the water to produce steam. Every 100 miles you had to get more water. I never heard of a steamer that blew up. They withstood the steam pressure."

"Dick Holland who ran a hardware store in Amherst had a Thomas Flyer. That had a gasoline motor. I took care of that car for him. Steamers could go where gas-driven cars couldn't go. The power in a steamer was absolutely steady. It didn't fluctuate at all. I worked on cars and on radio at the same time. Radio was just coming out, too. And I did lock and key work. It wasn't called radio in those early days. It was called wireless. That was a little after the turn of the century. I learned

- continued next page -

to operate the wireless and send messages by Morse code. For a while before WWI, I worked for Western Union in Northampton."

Sabin set up a radio station on Williams Street in Northampton in 1914 and he ran it until this country got into the war in 1917. "We sent messages and received them by Morse code just as a hobby. We provided a message service for people free of charge. People used to wonder why we fussed with early radio like we did. But if it was not for early radio, you wouldn't have what you have today. Those early radiomen were experimenters. Ninety percent of the inventions used today can be traced back to amateur radio."

When WWI came along, Sabin entered the Navy as a radio officer. He was already knowledgeable in the radio field. He helped set up the Harvard Radio School in Boston for the Navy, and later helped set up WBF, a commercial radio station in Boston.

He said the Navy later shipped him to South Carolina to a radio laboratory and put him in charge of all radio activities in the Sixth Naval District. After the war, he resumed his car repair business. He specialized in electrical circuits of cars. But the Connecticut River overflowed its banks and flooded Northampton in 1936, and Sabin's Garage was under 12 to 13 feet of water.

Sabin's moved to 26 Crafts Avenue after the flood and got out of the car repair business. A few years ago, Sabin's moved again this time to 16 Crafts Avenue, to be nearer the downtown. Today Sabin's does lock and key work, repairs safes, repairs and sells lamps of all types, sells and leases sound systems. The nature of business has changed somewhat since those early years. "You just have to adjust to the times," said Sabin.

Sabin's does all the sound system work for the Northampton fairgrounds. "We probably have \$50,000 invested in sound equipment," Sabin volunteered. "We have 45 loudspeakers and 15 or 18 amplifiers. We got into this business because of the needs at the fairgrounds and it just grew." Sabin's also specializes in safes. "We sell them, open them and repair them," he said. "We get problem safes open by one method or another. We never know how we will do it until we try, but we always get them open. Sometimes you can hear the tumblers fall into place and open them

- continued next page -

by sound. Other times you have to drill them. We open them on the spot. It may take five minutes or three or four hours. We charge \$25 to \$200 to open a safe, depending on what's involved."

Sabin's is the only safe specialist in the area outside of Springfield. Most locksmiths refer safe problems to Sabin's. At 93, Sabin still has a hobby, a hobby of more than 70 years. He's a Ham Radio operator. He has his own set at home, which he built himself. He got his first radio license in 1913. "I can talk to anyone anywhere in the world. I have talked to Ham operators in Russia, in England and in Germany. I have never talked to anyone in China. I go on the air three or four times a week on three or four networks. I chew the fat back and forth with other Ham radio operators from all over. I use it as a public service, too. I will transmit emergency messages and receive messages for people. I do it as a courtesy."

At 93, Glenn Sabin Sr. is keen-minded and interested in everything that goes on. Does he feel essential at Sabin's store since he is there almost every day? "Sometimes I can save the boys time on a problem because I have handled it before. But the boys are experts in their own right in what they do." Glenn Sabin Sr. has been officially retired for 18 years, but the man will never retire for his mind is actively engaged in all that goes on about him.

(Glenn died at 95 on April 17, 1983.)

FROM TED ROBINSON, K1QAR, #4206

Yup, the final frontier, hamming from an apartment high up in a downtown condo.

The picture (Pg.14) is my magnetic loop on the roof, with Boston Common in the background. Image is of a portable 3 foot magnetic loop, temporarily hung from a pole on the roof of a 12 story apartment building. Unusual 2 turn design is 3' diameter, made from 3/4" copper tubing, continuous coverage 7-14 Mc. go to <http://x44.cc> and see links <http://www.bulldogtrust.com/index11.htm> and <http://www.bulldogtrust.com/index12.htm>

Learning how to send CW with a bug on 30 meters is a lot harder than AM yakking on 160. Cheers, Ted Robinson, K1QAR

48 Beacon St. Boston, MA 02108 Apt 9R

THE MORSE CODE

When you rearrange the letters:

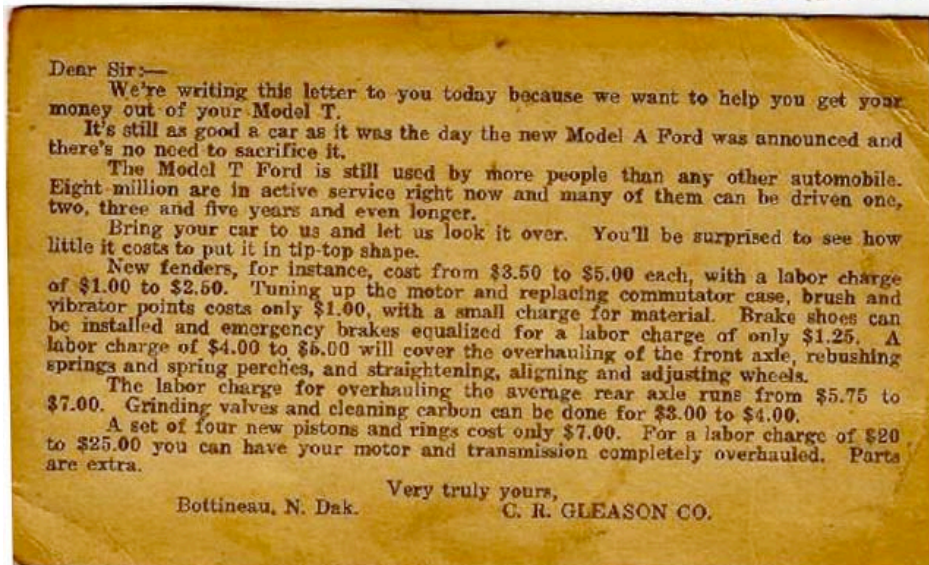
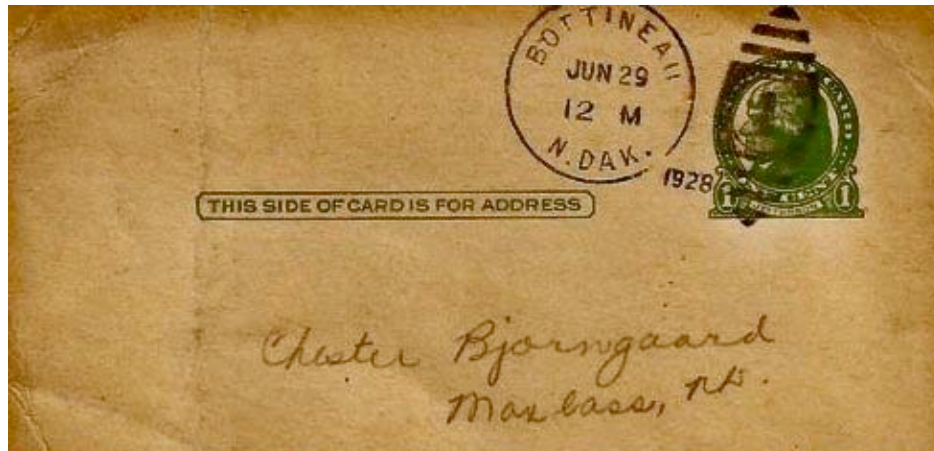
HERE COME DOTS

From Joshue Brehm AE2L #2799

POST CARD SPAM FROM AKIN BRILL, K2ATB, #4175

Penny postcards

"Those were the days, my friends"



"Dear Uncle Blinkey. What would you do if you were married to a rich wife?"

Uncle Blinkey, "Absolutely nothing."

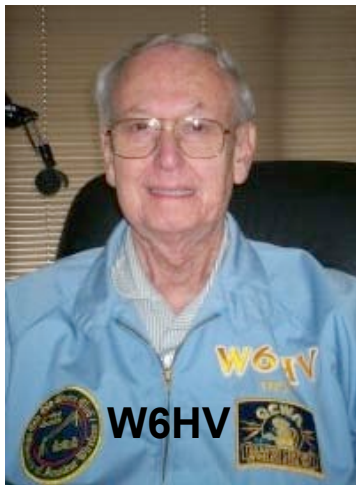
FROM JOHN PURCELL, W3VQY, #4513

I was born on a farm in Lillian, Virginia on September 20, 1934. We moved to Baltimore, Maryland in 1941 after my dad accepted a job with the Glenn L. Martin Company (airplane manufacturer). I graduated from the Baltimore Polytechnic Institute in 1953 and went to work as an electronics draftsman on missile ground control systems for the Glenn L. Martin Company. In 1963, I started a career with the Federal Government and retired in November, 1991 from NASA's Goddard Space Flight Center in Greenbelt, Maryland. My last position was the Administrator of Minor Construction in the Facilities Engineering Division. During my career, I traveled to many of the worldwide Manned Space Flight and Satellite Tracking Stations. I also owned and operated a refrigeration service business from 1973 until 1995.

I was drafted into the Army from 1960 through 1962. After basic training at Ft. Jackson, S.C. (Tank Hill) I was assigned to the Intermediate Speed Radio Operator Course at Ft. Jackson, S.C. On the first day of the course, I was made an Assistant Instructor after showing my ham radio license to our instructor and passing the 15 wpm code test. Ham radio does have other benefits besides being an enjoyable hobby! In October, 1960, I was permanently stationed at Panzer Kaserne in Boeblingen, Germany with the 7th Army's 229 Signal Company that later became the 1st Signal Battalion, Company A, as my Commanding Officer's driver and radio operator.

I was first licensed as a Novice (WN3VQY) in 1953 while being a member of my high school radio club. Within a year, I upgraded to Technician. In those days the Novice class license was only good for 1 year and was not renewable. After upgrading, the "N" was dropped from our call signs. I am presently a member of OOTC, ARRL, QCWA, 10-10 International, ARES, RACES, Maryland Mobileers Amateur Radio Club and the Anne Arundel Radio Club. I operate mostly on 10 and 2 meters. My radios include ICOM's IC-736 (HF), IC-2100 (2-meter base station), Radio Shack HTX-10 (10-meter mobile), IC-2000 (2-meter mobile) and IC-2GXAT (2-meter handheld). My base station antennas consist of Cushcraft R-7 vertical up 20 feet (10-40 meters), Cushcraft TEN-3 (10-meter) beam up 28 feet and a Diamond X-200A (2-meter) vertical up 30 feet.

Other hobbies include computing, listening to country, bluegrass and gospel music, feeding/watching birds, vegetable gardening and collecting "ERTL" cast metal Texaco promotional truck and airplane banks. I am a "paid up in full" member of the American Legion Glen Burnie Post #40. **w3vqy@aol.com**



Pg. 4 President Troy Wideman, W6HV Shack



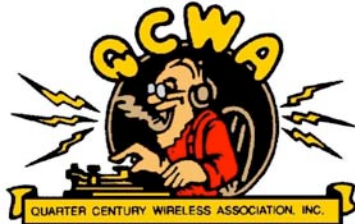
Badge Pg. 26



OOTC replacement pins Pg. 3. If you qualify, the 80 Year is FREE, just ask for it.



WA4AW Pg. 6



Were you licensed at least 25 yrs ago? licensed now? Then you should belong to Quarter Century Wireless

Association.

QCWA INC

PO BOX 3247

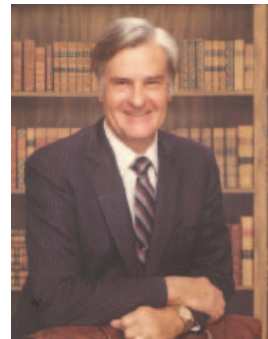
FRAMINGHAM MA 01705



TED ROBINSON

K1QAR, #4206

Pg. 11



JACK DYE #3538

W5LUE

SK 3/25/2009

RENEW? Send \$12 sustaining fee OOTC INC 3191 Darvany Dr. Dallas TX 75220-1611



Pg.13 JOHN PURCELL, W3VQY, #4513

Continued from page 8.
The following is from February
2004 QST "OLD RADIO."

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permission. Maty Weinberg, KB1EIB Production Coordinator.

WILLIAM B GOULD III, Radio Pioneer.

Seeking freedom under the cover of darkness on September 21, 1862, eight slaves rowed a boat 21 miles down the Cape Fear River from Wilmington, North Carolina, to the Atlantic Ocean. It was daybreak when they reached the mouth of the river where the USS Cambridge, a US Navy ship blockading the Confederate fort there picked them up. Once on board, the slaves were termed "contraband of war."

They were offered a chance to join the US Navy and fight in the Civil War. One of them, William B. Gould, a literate slave, would keep a diary of his Civil War service. His great grandson William B. Gould IV recently published this diary as *Diary of a Contraband: The Civil War Passage of a Black Sailor*. (More information about the book is available at www.amazon.com, and more on the diary may be found at www.law.stanford.edu/library/goulddiary/).

After the war William B. Gould married and settled in Dedham, Massachusetts. He was first employed as a Plasterer, a trade he had learned in Wilmington, and later became a Contractor. He was a dedicated family man who strongly believed in education. His grandson would become a ham radio pioneer and an electrical engineer.

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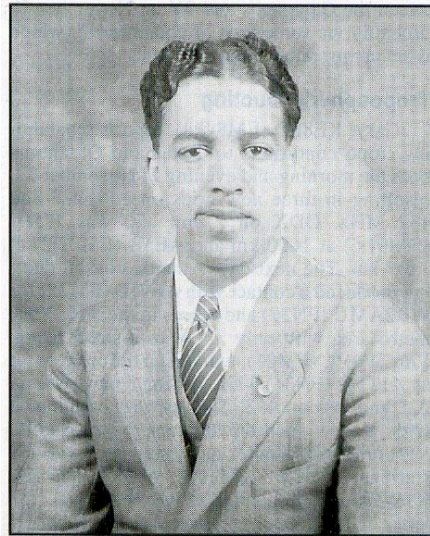


Figure 1—William B. Gould III, 1NP, in a photo taken on November 22, 1929 as he went to sea.

1NP Born on March 14, 1902, young William B. Gould III (Bill) would have his first two-way radio contact at the age of 13 using a buzzer as a transmitter. He used the call **WG**. Later in 1919 at the age of 17, he would pass his Amateur Radio test and be issued the call **1NP**. His license authorized him to transmit spark not exceeding 500 W into an antenna with a single lead-in wire, an "L" shaped antenna 30 feet high, 50 feet long and made up of 6 wires. He was very active on ham radio from the beginning, contacting stations all the time. I'm sure it was due to his location and ham radio activities that he decided to enroll in the Worcester Polytechnic Institute (WPI). This was in 1920 or 1921. WPI was the third college in the country with a wireless club, starting in 1909, and used the call letters WPI. In 1913 the government issued the call 1YK and required that only licensed operators would be able to use the station. The Wireless Association immediately started radio classes for the students. On the air almost every day, it's logical that Bill would have been in frequent communications with 1YK at WPI and would have made many friends there. **The 1922 Transatlantic Tests at WPI**

During the December 1921 tests, Godley heard 1YK in Scotland. This came somewhat a surprise to the Wireless Association, as they were only using 20 W at the time. Later they attributed their success to the experimental antenna system they were using.

By 1922 Bill had a "Radio Operator, Commercial First class" license, as he was the Chief Operator at 1YK for the years 1922 and 1924; this was a requirement. Under Bill's leadership in December 1922, 1YK was invited to participate in the Transatlantic Tests. The Wireless Association had been experimenting with their antennas during that year, and had qualified earlier, with their 50 W transmitter being heard clearly in the Mississippi valley.

From the original letters sent out by ARRL Traffic Manager F. H. Schnell, 1YK was assigned to transmit under group "N" at very specific times. (You can see the original assignment letter and schedule on my Web site, www.eht.com/oldradio/arrl/index.html). From the handwritten notes, Bill participated in the Transatlantic Tests with his assignment to send on Thursday, December 14, 1922 from 0515-0530 GMT.

A Career in Radio

Bill's first job after college was as Engineer with Worcester's radio station WTAG; this was from 1925 to 1929. During this time he also enlisted in the US Naval Reserve as a Radioman. He served on the USS *Eagle*. In 1929 he followed the path of so many other young radio operators, that of

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going to sea. His first assignment was on the SS *Edith*, a coastal steamer that also traveled to the Caribbean. He stayed here until December 1930. Bill also served for a short time on the SS *Gov John Lind* in 1931. He remained active with the Naval Reserve for a few more years, attaining the rank of Chief Radioman.

His next big job was with the Metropolitan District Police Radio in Boston 1936-1940. I understand he was instrumental in setting up the communications system for the Boston police.

In 1940 he moved his family to New Jersey, where he was to begin a long career in the government, with the Signal Corps Labs in Fort Monmouth. He worked on the Army's first radars and supervised the design and development of the first weather radar equipment. It was here he would come to work with Dr Harold Zahl, the Director of Research from 1948 to 1966 at Fort Monmouth's Camp Evans.

October 4, 1957

On October 4, 1957, Sputnik was put into orbit by the Soviet Union. Dr Zahl was awakened by a telephone call from co-workers Hans Ziegler and Bill Stroud. Hearing the news, Zahl joined them for a ride to the home of Edward Rich in Farmingdale, New Jersey. There on a Collins R-390 they heard the *beep-beeps*, as they called them, for the first time. They listened all night, calling their team one by one, until all were alerted. Those who were hams ran to their stations, as Bill did, and listened.

The next day the entire team was in place tracking the satellite for the government. Dr Zahl would later say: *"But perhaps most important of all during these early hours on October 5 were the efforts of a few of our Countermeasure people operating an experimental direction finding station at Collingswood, N. J. In the open, and in freezing weather, Bill Gould, Harold Jaffe and associates, day after day, all through the long nights, week after week, gave out bearing information—information vitally needed by the Vanguard Computing Center at NRL to determine orbits and make predictions. Yes, the Soviets had kicked off, but before we could really play in the game, we first had to find the ball."*

Retiring to Ham Radio

Bill's calls changed over the years. 1NP became W1NP. Eventually, after moving to New Jersey, he changed his call to K2NP. Retiring in 1969, Bill and his wife Leah enjoyed many trips around the country and around the world. They would always find time to visit ham radio friends, friends who were made on the air. Bill continued to be on the air and active with many organizations, including Life Member of the IEEE, Director and Vice President of the Old Old Timers Club, member of the Quarter Century Wireless Association and the Antique Wireless

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Association, where he was a close friend of founder Bruce Kelley W2ICE. Bill remained active and on the air until the end. He became a SK on August 15, 1983. His obituary would read:

William B. Gould III, Radar, Radio Expert

William Benjamin Gould III, now deceased, was also one of the early Black electronic engineers at Fort Monmouth. Coming to Fort Monmouth in 1940, he was responsible for the installation and operation of early warning radar systems on the West Coast of the US. During the 1950s, Mr. Gould directed research involving instrumentation of long-range guided missiles at Cape Canaveral. Before his retirement in 1969 he was a section chief in the Electronic Warfare Laboratory, directing research and development involving the application of radio and radar for meteorological purposes. During his 29-year career he contributed to the development of radar equipment from the old spark gap transmitter to the vacuum tube and modern solid state devices.

(August 16, 1983, *Asbury Park Press*, Asbury Park, New Jersey.)

Check my Website for more photos and information about 1NP and links about the book: **www.eht.com/oldradio/arrrl/index.html**

John Dilks, K2TQN 125 Warf Road, Egg Harbor Township, NJ 08234-8501

FROM DAVE HAYES, VE3JX, #4483

I, for one, would like to know more about the history of OOTC. It appears that it started up about the same time as QCWA. I wonder how the relations between the two were back then, and over the intervening years. Did OOTC start up as a result of QCWA or independently? Intriguing questions these. As members, I think we're all interested in our organization's heritage. Cheers, Dave Hayes VE3JX

.....
Here's information from the "Founder" Hubert E. Ingalls. After recovering from tuberculosis in both lungs, he had this to say: "When World War II broke out, I found myself busily engaged in building up an outstanding amateur wireless station, something that I had always had in the back of my mind. By this means, I intended to locate some of my long lost buddies, many friends, and acquaintances made in years gone by. The thought occurred to me to start a 40-year club, which I figured would get the old boys off the shelf and back into circulation."

"During the fall of 1947, I put the proposition up to W1ZE, Irving Vermilya, and W1ANA, Roland Bourne. Between the three of us, we whipped up the Constitution. I made W1ZE, Irving, President; W1ANA, Roland, Vice President; and I took the job of Secretary (office boy), for myself. The reason I picked the original thirteen

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members as the nucleus to form the club was solely because I knew each one personally had at least 40 years experience as a ham. No doubt there were many more who were eligible at that time, but I just didn't have their address or know how to reach them." Hubert .E.Ingalls

OOTC was to be an organization of "old, old timers" and not in competition with any other organization. There have been and may be today, some that question OOTC as an unnecessary organization. When they note why OOTC exists and what OOTC offers, the question is usually answered. To join in 1947, OOTC required two-way wireless 40 years or more prior, that's 1907 or before. That was about 5 years before licensing occurred. Today, the requirement to join OOTC is still two-way wireless 40 years prior. And the two-way wireless can be Commercial, Military, Amateur or CB, with or without ham license. Forty-five members had no ham call when they joined OOTC. OOTC recognizes unlicensed two-way contacts. If one hammed in 1907, it was unlicensed. One hears "ham" and might think "licensed ham" but hams used their initials as call letters or made up their own call, long before licensing. First OOTC President 1947-1949 Irving Vermilya member #0002 used "VN" 1901, later W1ZE. Roland Bourne member #0003 used "RB" 1908, later 1AC, then W1ANA. No paid advertising, the members support OOTC. ootc@ootc.us

LETTER FROM TOM SCHLECHTE, KG9QC, #4164

A little more trivia about the Lockheed Constellation (Connie) that appeared in the last issue. In the late 50's and 60's both the navy and Air Force kept Lockheed in business manufacturing "Connies" that were modified by adding an upper radome to scan from sea level to 80,000 feet (looked like a big shark fin). On the bottom of the fuselage was an 18 foot diameter radome that looked like a large upside down frisbee (used for azimuth).

Unlike the civilian Connies, the military version also had large wing tip tanks for extended range and loiter time. There were 25 aircraft at McClellan AFB in Sacramento and another 25 or so at Otis AFB on the east coast. The Navy had a squadron of them in Hawaii (sometimes a few would also be at Point Mugu NAS (San Diego) for maintenance.) All of the aircraft had a state of the art (for that time) radar suite in the rear that included an airborne radar control center with half a dozen scope positions, radar maintenance people, and plotting boards. Those folks along with one radio operator, 2 navigators, and 2 or 3 pilots made up the crew. The one radio op was believed to be capable of staying awake for the entire mission? --- They were very important people since we were often out of VHF/UHF

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range with the coast and they were the ones with the HF and a 50' plus antenna and were more proficient at CW (with a straight key than I was with a McElroy bug). I was always too busy up front to get in the back on the HF but always wondered what we could have worked from 15,000 ft. if had the opportunity. Unfortunately, I never had another ham on board for a radio op or we could have found out.

tomschlechte@insightbb.com

No.2 **The Rules Say...**

John B. Johnston, W3BE

RETRANSMIT NOAA WEATHER?

Q. Can our club use its repeater to retransmit severe weather forecasts from a NOAA Weather Radio Station?

A. Yes, assuming that your question misuses the word "rebroadcast" and that you really mean, "retransmit." Section 97.113(e) specifically authorizes limited retransmissions of propagation and weather forecast information intended for use by the general public and originated from United States Government stations. Such amateur station retransmissions, however, must not be conducted on a regular basis, but only occasionally as an incident of normal amateur radio communications.

In your system, keep in mind that your repeater would be – under the authority of Section 97.111(b)(6) – making a one-way transmission necessary to disseminating an information bulletin. The definition of such a bulletin is stated in Section 97.3(a)(26). It is a message directed only to amateur operators consisting solely of subject matter of direct interest to the amateur service.

Section 97.113(b) says that an amateur station shall not engage in any form of broadcasting. To make it clear as to what that means, Section 97.3(a)(10) defines the term "broadcasting" as transmissions intended for reception by the general public, either direct or relayed.

W3BE-O-GRAM: Your station would not be broadcasting to the general public. It would simply be hamcasting, hamslanguage for transmitting occasionally one-way information bulletins to amateur operators. In this instance, bulletins necessary to providing us with the vital weather information we need to know in order to maintain and operate our stations appropriately. That's our story, anyway.

From the frequency allocation standpoint, moreover, it can be risky business to use our amateur service bands for the purpose of duplicating transmissions readily

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receivable on spectrum allocated to some other radio service. Such could raise the interest of government spectrum managers who could view it as proof of a mis-allocation that needs attention.

Q. What is the NOAA Weather Radio?

A. The National Oceanic & Atmospheric Administration is part of the Department of Commerce. Its NWR is a nationwide network of VHF radio stations broadcasting continuous weather information direct from a nearby National Weather Service Office. The broadcasts include forecasts, watches, warnings and other hazard information for all types of hazards both natural (such as earthquakes and volcano activity) and environmental (such as chemical releases or oil spills). See the website at www.nws.noaa.gov/nwr.

Q. Where are the NWR channels?

A. There are seven NWR channels: 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz and 162.559 MHz. Many of our VHF receivers can tune in the broadcasts directly.

Q. The National Weather Service broadcasts sometimes contain tones interspersed with the speaker's voice. Can these tones be retransmitted on our repeater?

A. Yes. Section 97.3(c)(5) says that incidental tones for the purpose of selective calling or alerting or to control the level of a demodulated signal may be considered a phone emission type.

Read *The Rules Say...* WorldRadio Online column on-line at <http://www.cq-amateur-radio.com/>

Read the rules - Heed the rules at www.gpoaccess.gov/ecfr/ and click on [Title 47], then on [Part 97]. Also visit <http://wireless.fcc.gov/> and click on [amateur].

Enforcement reports are at <http://www.fcc.gov/eb/AmateurActions/welcome.html>

Report violations to fccham@fcc.gov.

BE Informed! Have a question about the amateur service rules? Visit <http://www.w3BEInformed.org> and e-mail john@johnston.net.

**THESE MEMBERS ARE "SILENT KEY".
CALLS MAY HAVE BEEN REISSUED.**

<i>NAME DOB</i>	<i># 1ST WIRELESS</i>	<i>LAST CALL</i>	<i>SILENT KEY REPORT FROM</i>
Harry W. Robinson B: 8/12/1912	3911 W4BC-1929	W2AZ	1/15/2009 His sister Grace R. Campbell
Jack M. Dye B: 5/13/1918	3538 W5LUE-1946	W5LUE	3/25/2009 Daughter, Betty Lyell
Edward Rich, Jr. B: 10/18/1925	3543 W2SLW-1946	W2SLW	SK date missing QST April 2009 P.102
Theodore J. Skok B: 9/23/1943	3985 KN9TWI-1959	KB9NJU	3/8/2009 Wife, Judith A Fay
Charles M. Miller B: 10/2/1914	4484 W5IMR-1939	W5IMR	5/14/2009 John Hunt W5DKK #3478
Ted Chernin B: 3/31/1916	1855 W6HFR-1933	KH6GI	SK date missing QST June 2009 P.102
Barney C. Moffatt B: 9/8/1914	3239 W5CJZ-1932	W5CJZ	4/20/2009 Ken Norvell W5KN

WELCOME THESE NEW MEMBERS OF OOTC. SEE PAGES 6-8

<i>NAME</i>	<i>CALL</i>	<i>#</i>	<i>REFERRAL, SPONSOR, ELMER.</i>
Jesse I. Wilkerson	K0GZR	4526	Secretary
Les Shattuck	K4NK	4527	Secretary
Larry Mergen	K0LWV	4528	Secretary
Greg Teufel	K7VHV	4529	Secretary
William F. Ball	K9ADO	4530	Secretary

PAGE 23 VOL. 46 NUMBER 3 JULY 2009 Birthdays during July-Aug.-Sept.**Members with fee paid Jan-1990 thru Jan-2030. Notice: There may be unreported SKs**

7/1 CAUGHIE W7EST	7/12 COOPER N6NP	7/23 CHILD W3IUW	8/4 ENGS W6TCY
7/1 HUNT W5DKK	7/12 JOHNSON W6AAQ	7/23 THOMPSON K3MD	8/4 HAINES NX7G
7/1 PILOTTE W7IG	7/12 WY SOCKI SP2DX	7/24 BRADLEY K6USI	8/4 HOFFMAN K3FOB
7/1 THOMASON W1FKD	7/13 FIELD WA1FYF	7/25 HOLDEN AA6YT	8/4 ROTEN KC8D
7/1 WICKER W4WD	7/13 HELMS K5SAC	7/25 RING JR W3NU	8/4 SHUMAN K8SPE
7/1 WOOD W0UHL	7/13 JALLEN W0BZJ	7/25 SANSONE W7KLH	8/4 SMITH W5USM
7/1 ZELENKA W5AJX	7/13 KING W0CKK	7/26 BREWER SR K5MET	8/5 GRAY W3BV
7/2 WELLS KA1GSX	7/13 SIMKUS K9POV	7/26 DOWDS W6HB	8/5 MARKOWITZ K2GG
7/3 HARRISON KB5KST	7/13 VILA KP4MO	7/26 ELLIS W5YCK	8/6 WARD K0LW
7/4 CARTLEDGE N8PRB	7/13 WALBRIDGE K1IGD	7/26 FLESH W6IBF	8/7 FRIEDMAN W6ORD
7/4 HENNE N2JNK	7/14 CHENETTE N5YJ	7/26 GREGORY WA6FEJ	8/7 GRAY W6UJZ
7/4 POTEETE W4SQE	7/14 FADNER W3GN	7/26 PERKINS KC4D	8/7 POMERANZ KB6FB
7/4 SYLVAN W9CBT	7/14 KRAMER W3ZIF	7/26 SCHLENK K0RIO	8/7 SYLFEST W9EK
7/5 SICURO SR W5UP	7/14 LINTHECOME K9EAT	7/26 STOLTZ KJ6WM	8/8 GONTARZ W3QBZ
7/5 WOODS K1DX	7/15 BATTEY W3FZV	7/27 CELENTANO K6LLD	8/8 KNIEF W4DK
7/6 DO O PR7CPK	7/15 FERGUSON W4FWG	7/27 HARRISON KB5WZI	8/8 LENNAN W2PL
7/6 KINCAID W7FKF	7/15 LEINO OH2BC	7/27 SCRITCHFIELD WD8ITD	8/8 OLDFIELD W9KXI
7/6 OSS AA0PP	7/16 BAY W4UQ	7/27 TYSON W0RQ	8/8 PETH AA8RU
7/6 SWISHER W0HPD	7/16 BOELLHOFF W3MGL	7/27 WARD W0RTV	8/8 WITTLA W8KP
7/7 GERBRACHT W3QPP	7/16 CHASE W7JGU	7/28 BIGGERSTAFF K5BDJ	8/9 BRUCE W7ER
7/7 LA PLACA W2WW	7/16 DYER AE5B	7/28 LEFCOURT W6IRT	8/9 DESILLIER K1IAG
7/8 BASILESCO W1NXW	7/16 NOSEK W2LBM	7/29 CRANFORD K5ALU	8/9 FISHER K2ABX
7/8 O'NEIL N6NWR	7/16 PARKER WA0LST	7/29 LANGLEY W4YDY	8/10 BRODIE K5ZYZ
7/9 ECKELS W8ZNH	7/16 SCHLECHTE KG9QC	7/30 CHADWICK W5UYA	8/10 DEMING K6GTY
7/9 KAFKA W2YAV	7/17 BURNHAM W3GNG	7/30 DAVY G3XVF	8/10 HEVENER W8KBF
7/9 LUSTER W6QHD	7/17 FOODY W2EPN	7/31 KING K1DWZ	8/10 PALMER K6CX
7/9 PEAVEY W5UZW	7/18 HELLWIG WA7PVC	7/31 SCHWARTZ W3ENL	8/11 DENGLE DL3WX
7/9 PUSKA SR KA2UJP	7/18 KAEFF W4EFB	8/1 JOHNSON N5VD	8/11 KRUGER DL1CC
7/10 FAULKNER W6RF	7/18 WHEELER K0DEW	8/1 KERR W6JOA	8/11 MANNA WA1ENO
7/10 GREENFIELD W9TNZ	7/19 ENGEN W4EBA	8/1 SEALOCK K6CMS	8/12 BLOODWORTH KO4TV
7/10 HAYNE III W5AHS	7/19 HITTERDAL W6ILL	8/2 COSTA W2SIF	8/12 CASE K5KC
7/10 MITCHELL K6ZE	7/19 O'BRIEN NJ2J	8/2 RIGBY K2AOV	8/12 JOHNSTON W3BE
7/10 PITMAN JR K1FP	7/19 SAWYER K1CSW	8/2 SNOW W6UUC	8/13 DILKS K2TQN
7/10 RIDEOUT WA6IPD	7/19 SCHERMERHORN W1TTY	8/2 USTASZESKI WA2DUV	8/13 HAYMAN WN3R
7/11 MOORE III KK5NU	7/20 ENGLEMAN K5HGL	8/3 ALLEN W3OR	8/13 JOHNSON K9GAW
7/11 STOVER W5AE	7/20 LETTEER JR W4KE	8/3 BLAIR K5AY	8/13 NEILL WA3KKO
7/11 VAN LEAR VE7IR	7/20 ROBISON W6SVU	8/3 ISAACS WA1SMI	8/13 WARREN W0KWS
7/11 WILSON N4CC	7/21 BRILL K2ATB	8/3 KING W3GH	8/14 DUKE N5DRV
7/12 BACKYS K9UQN	7/21 LEE WB6BWZ	8/3 MAIER W8AUV	8/14 KNIRKO W9MOL
7/12 BLACKARD KA5CVA	7/21 SCHLETTIG DL3VZL	8/3 MEHNERT N3NN	8/14 LETCHER N7ENS
7/12 CANARIS WY6O	7/22 JAWORSKI WA1MJE	8/3 O'FARRELL WB0IXV	8/14 TABOR N6UA
7/12 COLLINSON K2DC	7/22 TODD K4DWW	8/4 ABELL KC5TK	8/14 WEBB W9IPO

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8/15 BALL K9ADO
8/15 BENSON W9CZA
8/15 BINTLIFF W1RY
8/15 RAY JR W5ZMI
8/16 BURDEN W9GRX
8/16 GEISSLER DL1UF
8/16 HARRINGTON K2DYB
8/16 OLIVIER W5NJJ
8/16 PRICE W4RA
8/16 RIBEIRO K7AMR
8/16 ROCKNE W7ITG
8/17 HODGES W6ZVD
8/17 KANODE N4MM
8/17 MAIDEN KB4KGL
8/17 MEDLEY K16QE
8/17 OUTLAND K14PUK
8/17 ROHDE K3XA
8/17 WAYNE WB8N
8/18 BRODY W2ZBK
8/18 DIETRICH W1TNP
8/18 MAKEEVER W5HS
8/18 PHILLIPS W0FP
8/18 SMITH W5MO
8/19 HANSON W1TRC
8/19 SIMMONS W4UKJ
8/19 STOCKWELL W6KC
8/20 BURGIN W5APA
8/20 HUMMEL W8QR
8/20 STEVENSON WB9UAD
8/20 WILLIAMS K6PPJ
8/21 CZYZEWSKI WA2SEI
8/21 FRIEDMANN W3QYL
8/21 JANKAUSKAS K3JA
8/22 ALEXANDER W5OF
8/22 BEASLEY W5PZA
8/22 CHICK W1TT
8/22 FLENNER W3YCH
8/22 JACKSON N4JJ
8/22 LAUBHAN K6EON
8/22 SCHMELZER KF5ZE
8/22 WALTERS W8SEL
8/23 JOHNSON KA3LRE
8/23 NIELSEN K5RN
8/23 ROSSANO N4JR

8/23 RUSSELL K6SSD
8/24 MULLOY K7ABX
8/25 MATTHEWS W4OWJ
8/25 POPKIN W2CC
8/26 BARRETT W6CBA
8/26 CRELEY KJ7UK
8/26 KASS WA2LKJ
8/26 LIPSCOMB W0HUI
8/26 MUNZIG W6BV
8/26 RZODKIEWICZ W3RMB
8/27 DANE W6WOW
8/27 ROBERTS K9VKY
8/27 ROSSON W5TEH
8/27 STEEL WB4ZGR
8/27 THOMPSON W0NYG
8/28 HODGES W9IL
8/28 MAIA W5YI
8/28 ROGERS W9BMD
8/28 WESSEL W0CM
8/29 CHASE W4TG
8/29 RUSSELL W8GBH
8/29 WARREN W2ZXQ
8/30 GAYNOR W6IST
8/30 SHERARD WA5FLV
8/30 TAUCHE DL1AY
8/31 BRECKINRIDGE WA9BXB
8/31 HORMANN DL7IL
8/31 IRISH K5ZOL
8/31 LINN W9NZF
8/31 WAHLIN W0RM
9/1 BENNETT N5CFN
9/1 ENGLERT DL1SX
9/1 FLEMING W3GQJ
9/1 MARTIN VE3SJE
9/1 MASSEY W5CMS
9/1 SINGLETON WB2JEY
9/2 HANSCHMANN DL8TG
9/2 HARRIS W7UIZ
9/2 RAPHAEL W7MD
9/2 RISACHER W5BR
9/3 BECK K3ARR
9/3 LAURI W2IX
9/4 HACKER W5RNF
9/6 MC DOW W4KOG

9/6 SHELL W4AXH
9/6 ZHU BA1RA
9/7 CONNOLLY AG4HC
9/7 DEUTSCHER KQ4UW
9/7 DOBLE VK3AMD
9/7 MAYER K4HEB
9/7 MOYER K6MV
9/7 SANDEN K4EH
9/8 BABB N4PF
9/8 GREGG W9POC
9/8 RAUCHUT N3CRP
9/8 SMITH W5TZD
9/8 TOEPHER N6MFH
9/8 TROTMAN W3BRX
9/9 HYNES N4RRS
9/9 MILLER W0KVM
9/9 SHEPHERD W5RYV
9/9 VEST NW5E
9/10 ELY W0GN
9/10 JONES K6DJ
9/10 SEYMOUR W5OVM
9/10 SINGH AD6YU
9/10 STINSON K0GOO
9/10 THOMSON VE2IR
9/10 WAGNER AC4TR
9/10 WEST K4CTB
9/11 ALLARD W1RAA
9/11 GREGORIO K1RAW
9/11 NEAL W5NRI
9/11 REID K5FX
9/11 VRIONI N3JV
9/12 BEAM K4PPS
9/12 HANNIGAN WD0M
9/12 KNOLL WA0GOZ
9/12 MYERS W7ILW
9/13 DUGUN W2CML
9/14 DUDLEY K4ORD
9/14 ROTHEISER K6AIZ
9/14 SHATTUCK K4NK
9/14 WEATHERLY WA4QJE
9/15 BEISSNER DJ3JV
9/15 KORNACKI W1YOC
9/15 KÜHL DL3QV
9/15 STETSON K4DHO

9/16 HARRISON K0BC
9/16 INTO K8NI
9/16 OSTI K6KJK
9/16 PETTIBONE K5OI
9/16 VALERIOTE VE3DSC
9/16 WOODARD WD8DCA
9/17 BUTTOLPH N1JB
9/17 DAVIS W1GKJ
9/17 HARRISON KC9E
9/17 HOYER DJ1GE
9/17 SEYMOUR W0LK
9/18 CROSSMAN WE0D
9/18 DIVEN W7IR
9/18 SAVAGE W5JNS
9/19 PULLY W5JIZ
9/19 SEHULSTER W4LSC
9/20 FLANAGAN K7VC
9/20 PURCELL W3VQY
9/21 HELFER DL2DZL
9/21 HOFFMANN KJ7HI
9/21 LINDGREN SM7AST
9/21 PIEPER W9CSV
9/22 HOLZBERG W2HH
9/23 SPOKAS W4QDP
9/24 DICKERSON K6BPB
9/25 CONKLIN KH7JJ
9/25 CRAVENS W6JDL
9/25 ROACH W3QT
9/25 WORLEY W3HVV
9/26 BOGERT AI2X
9/26 EISENHAUER K9AWR
9/26 KELLEN K6CJ
9/26 LENNY W7IBC
9/26 WELLS W5JNK
9/27 BLICK W8EB
9/27 DORIAN W3JPT
9/28 MAYER W5ZPA
9/28 PETLOCK K3AT
9/28 SMITH N6HRT
9/28 WILSON AL7KK
9/29 ROBERTS WB8SNH
9/29 ZONER W1IBS
9/30 ZUKERMAN AC6H

Notice: Call letters shown were calls they used, subject to reissue since then.

PRESIDENT

1947-1949 IRVING VERMILYA ***W1ZE**
 1950-1952 GEORGE STERLING ****W1AE**
 1953-1955 IRVING VERMILYA ***W1ZE**
 1956-1958 WATSON GREENE W1CPI
 1959-1963 EARL CLINE SR *****W4PPZ**
 1964-1967 BERT OSBORNE W4MF
 1968-1969 RAYMOND F GUY W4AZ
 1970-1976 ANDREW SHAFER W8TE
 1977-1978 FRED ELSEY W6FB/KH6CZ
 1979-1984 RAY MEYERS W6MLZ
 1985-1986 LEWIS SIEK K4NE
 1987-1990 L. F. HEITHECKER W5EJ
 1991-1992 DUNCAN KREAMER W1GAY
 1993 HARRY GARTSMAN W6ATC
 1994-2004 LELAND SMITH (SK-in-office) W5KL
 2005 DUNCAN KREAMER W1GAY
 2006-now TROY WIDEMAN W6HV

VICE PRESIDENT

1947-1952 ROLAND BOURNE ******W1ANA**
 1953-1958 CHARLES ELLSWORTH *******W1TU**
 1959-1961 LAWRENCE DUNN W2CLA/W2LP
 1962-1964 MERRILL BEAM K2BX
 1965-1967 PERLEY B DUNN W6WPF
 1968 FRED ELSEY W6FB/KH6CZ
 1969 EDWARD RASER W2ZI
 Assistant BERT GAMBLE W5ZC
 1970-1971 WILLIAM GOULD III K2NP
 1972-1976 FRED ELSEY W6FB/KH6CZ
 1977-1979 GEORGE ELDRED W9SG
 1980-1984 LEWIS SIEK K4NE
 1985-1986 HOBART JOHNSON W3AC
 1987-1990 DUNCAN KREAMER W1GAY
 1991-2005 HARRISON MOORE W2JQS
 2006-now JOE SCHROEDER W9JUV

TREASURER

1947-1952 HUBERT INGALLS W1NQ
 1953-1958 EARL CLINE SR *****W4PPZ**
 1959-1964 EARL WILLIAMS W2EG
 1965-1966 EUNICE THOMPSON W1MPP
 1967-1968 T. FRANK SMITH W5VA
 1969 BERT GAMBLE W5ZC
 1970-1976 RAY MEYERS W6MLZ
 Assistant LEE MANN K6KP
 1977-1978 RAY MEYERS W6MLZ
 1979-1986 A. J. GIRONDA W2JE
 1987-1991 BERT AYERS W6CL
 1992-1993 WESLEY RANGLES W4COW

TREASURER(continued)

1993-2008 LEE KNIRKO W9MOL
 2008-now JOSEPH WEHNER W8KNO

EXECUTIVE SECRETARY

1947-1953 HUBERT INGALLS(founder)W1NQ
 1954-1956 FRED MULLER (SK-in-office) W4ZL
 1956-1957 EARL CLINE SR *****W4PPZ**
 1958 RICHARD KLEINBERGER W2AEC
 1959-1964 EARL WILLIAMS W2EG
 1965-1967 EUNICE THOMPSON *******W1MPP**
 1968 T. FRANK SMITH W5VA
 1969 BERT GAMBLE W5ZC
 1970-1978 RAY MEYERS W6MLZ
 1979-1986 A. J. GIRONDA W2JE
 1987-1988 BERT AYERS W6CL
 1989-1990 WESLEY RANGLES W4COW
 1991-1993 TED HEITHECKER (SK-in-office)W5EJ
 1994-2007 BERT WELLS W5JNK
 2008 BILL CARTER W6AJ
 2009-now BERT WELLS W5JNK

*** W1ZE** Operator at old "CC", the Marconi station at South Wellfleet, Cape Cod, MA.

**** W1AE** FCC Commissioner during his term as OOTC President.

***** W4PPZ** Originator of OOTC newsletter Blabbermouth, later renamed Spark-Gap Times.

****** W1ANA** designed OOTC certificate still used today. He was top executive at Maxim Silencer Co. and close associate of Hiram Percy Maxim, the founder of ARRL.

******* W1TU** One of the three wireless operators who handled all the traffic on the Titanic sinking while he was with the Canadian Marconi Company in Newfoundland. Also received a Presidential commendation for the handling of radio traffic on the NC-4 transatlantic flight. He sponsored Marconi's daughter as the Old Old Timers Club first honorary member.

******* W1MPP** The first woman broadcaster in the United States, and no doubt the world.

#0026 K2AE Henry Broughton made radio contact across the stage, assistant to Nikola Tesla, the Chicago Worlds Fair, 1893.

This report compiled from the best records found.

If better Info known advise editor ootc@att.net

OOTC BADGE 1/16" X 2" X 3"

(see sample on page 14)

White background and either BLACK or RED logo and lettering. Beveled edge gives either a black or red border. Send this order blank or a copy of it with check, money order, or U. S. currency to: OOTC INC.

3191 Darvany Dr.
Dallas, TX 75220-1611

PUT MY MEMBER NUMBER UNDER THE CALL LETTERS YES _____ NO _____
(IF YOU DO NOT CHOOSE, THE MEMBER NUMBER WILL BE OMITTED)

CHOOSE RED OR BLACK LETTERING
(If you do not choose, black lettering will be ordered)

WHITE WITH BLACK LETTERING _____

WHITE WITH RED LETTERING _____

BADGE WITH LOCKING SAFETY PIN BACK (\$8.50) _____

BADGE WITH PLASTIC POCKET CLIP (\$10.50) _____

BADGE WITH MAGNETIC BARS (\$9.50) _____
(NO HOLES IN SHIRT OR BLOUSE)

BADGE WITH BOLO CLIP AND TIE (\$9.50) _____

CHOOSE TIE COLOR

BLACK _____ RED _____ BLUE _____ BROWN _____

(If you do not choose, black tie will be ordered)

PRINT YOUR CALL LETTERS

PRINT HOW YOU WANT YOUR NAME TO APPEAR

PRINT WHAT YOU WANT HERE, CITY & STATE, OR ?
(If you want nothing here, say "nothing here")

OLD OLD TIMERS CLUB INC.

APPLICATION FOR MEMBERSHIP, MAIL TO OOTC INC.
3191 Darvany Dr., Dallas TX, 75220-1611

PH: 214-352-4743 E-mail: ootc@att.net Web site: www.ootc.us

(PLEASE PRINT ALL ITEMS CLEARLY)

Name_____

Present call_____ Address_____

PHONE_____ E-mail_____

1st 2-way HAM wireless(Year)_____ Nickname/Handle_____

My first amateur call was_____ Other calls_____

If not HAM, first 2-way wireless Commercial Radio () Military Radio ()

CB () Year_____ Describe it_____

Date of Birth_____ Birthplace_____

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New member enrollment \$22. \$10Initiation+\$12(1yr of OOTC sustaining fee) Yearly fee \$12. All members of same family at same address for \$15/yr. Or elect **\$10** initiation plus lifetime sustaining fee for- Under age **75 \$175., 75 to 79 \$135., 80 to 84 \$110., 85 to 89 \$85., 90 to 94 \$50.** NOTE: If short of money, send 3 installments when you can. If you are **95 or over** membership is **free**, no money. Funds must be acceptable at a U.S. Bank.

RENEW? send \$12/yr sustaining to OOTC INC 3191 Darvany Dr. Dallas TX 75220-1611

The sustaining fee supports the operation of the club. When you join, you are a member for life. Without adequate support, mailing of Spark-Gap Times is not always possible to members not paying. However, delivery of Spark-Gap Times will continue via email PDF attachment. Members may request Spark-Gap Times by E-MAIL PDF attachment, and this will save OOTC printing and mailing costs. Receiving SGT by E-mail will help prevent fee increases. INTERNATIONAL MEMBERS NOTE: Please remit (1) American Express money order, or (2) Check drawn on a U.S. Bank, if a branch of a U. S. bank accessible, or (3) if foreign bank, You must add \$20 collection fee charged by our bank, or (4) U. S. Currency.

ELIGIBILITY REQUIREMENT. You are eligible If you had two-way wireless communication 40 (or more) years ago (eligible on January 1 of the 40th year). OOTC recognizes your first two-way communication whether through CB, amateur, commercial or military operation. Provide proof if possible. If never ham licensed but had eligible 2-way communication, you may join as an Associate Member. Get ham license later and the "A" (Associate) will be dropped from your member number.

OOTC wishes to have extended information about each member, activities and background. The information becomes a permanent and important part of your record as a member of OOTC, making it possible for us to write of your life work and experiences. We would appreciate a photograph, B&W or color. Send a biography and/or any story suitable for publication in Spark Gap Times on separate sheet(s) of paper. Unless you advise otherwise, filing this application gives us permission to publish your membership in Spark Gap Times.

First name of spouse_____CALL_____ # children____

Military Branch_____service from_____

to_____, Rank_____I heard about OOTC from_____

Your Signature_____

Last 4 digits your Social Security #_____(Helps for SK identification)